

Name: Sample  
Date: \_\_\_\_\_  
Math 5 \_\_\_\_\_

1 - 100| Factors, Multiples, Prime/Composite, Prime Factorization Poster **Draft Sheet**

**Directions:** You must complete the draft sheet and have it approved by a peer before you start your poster.

FIRST....Draft your information.

1. My number is 12

2. The factors of my number are....

12	
1	12
2	6
3	4

3. My number has 6 factors so it is prime composite (circle one).

4. The first 15 multiples of my number are....

12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
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5. The PRIME FACTORIZATION of my number is:



Write it in standard and exponent forms!

12 = 2 · 2 · 3

12 = 2<sup>2</sup> · 3



216 12 24 36 48

2 · 2 · 3 or  $2^2 \cdot 3$

12

$$1 \times 12$$

$$2 \times 6$$

$$3 \times 4$$

COMPOSITE!!!

156

144

132

168 891 180 192 204

60 72 84 96 108 120